

CONTENT

Welcome Address

John C. Browne

Director - Los Alamos National Laboratory..... 1

Keywords: Terrorism, Los Alamos

Purpose of Conference

Siegfried S. Hecker

Senior Fellow and Former Director – Los Alamos National Laboratory..... 5

Keywords: Terrorism, Los Alamos

Living and Functioning under Terror

P.J. Bradley

Member - Northern Irish Assembly..... 7

Keywords: Terrorism, Ireland, IRA, civil rights, fear, negotiations, justice

Rebuilding Newry Post IRA Terrorism

William Gerard O'Hare

Business Leader - Northern Ireland..... 21

Keywords: Terrorism, goals of terrorism, Ireland, IRA, Newry, development

Panel Discussion Number 1..... 29

Keywords: Terrorism, Ireland, dialogue

Confronting World Terrorism – A Global Perspective

Thomas Kelly

Society Leader - Northern Ireland31

Keywords: Terrorism, democracy, Ireland, Middle-East, globalization, peace

International Capital Flow: How Criminals and Terrorists Use It

John Moynihan

Partner and Founder - Berg Associates..... 39

Keywords: Terrorism, money laundering, law

Threats to Agriculture and Food Systems

Roger Breeze

Associate Administrator – USDA-ARS..... 57

Keywords: Terrorism, agriculture, animal disease threat, foot and mouth

Islamic Terrorism and the Making of Osama bin Laden

Yossef Bodansky

Director of Congressional Task Force on Terrorism and Unconventional

Warfare - U.S. House of Representatives.....75

Keywords: Terrorism, Islam, Middle-East, intentions, globalization and despair

<i>Fanatics, Suicide Terrorists, and Psychological Warfare</i>	
<i>Ehud Sprinzak</i>	
<i>Dean - Interdisciplinary Center Herzliya, Israel.....</i>	<i>83</i>
Keywords: Terrorism, megalomaniacal terrorism, WMD	
 <i>Panel Discussion Number 2.....</i>	
Keywords: Terrorism	
 <i>Nuclear Terrorism: Unconventional Use of Nuclear Weapons</i>	
<i>Roger Hagenhuber,</i>	
<i>Sr. Vice-President for National Security – Sandia National Laboratory.....</i>	<i>133</i>
Keywords: Terrorism, proliferation, dirty nukes, radiological dispersal device, NEST	
 <i>Prospects of Nuclear Terror Before and After September 11th – [9]</i>	
<i>Joseph Pilat</i>	
<i>Los Alamos National Laboratory.....</i>	<i>153</i>
Keywords: Nuclear terrorism, proliferation, radiological terrorism, al Qaeda	
 <i>Motivation for Terrorists to Use Weapons of Mass Destruction – [13]</i>	
<i>Brad Roberts</i>	
<i>Research Staff Member - Institute for Defense Analysis.....</i>	<i>163</i>
Keywords: Terrorism, intentions, capabilities, vulnerabilities, threat assessment	
 <i>Integrated Nuclear Threat Reduction Systems – [14]</i>	
<i>Houston Terry Hawkins</i>	
<i>Director/NIS - Los Alamos National Laboratory.....</i>	<i>179</i>
Keywords: Terrorism, loose nukes, WMD, Integrated Threat Reduction System	
 <i>Panel Discussion Number 3.....</i>	
Keywords: Nuclear Terrorism, RDD	
 <i>Cyber Security and Infrastructure Protection</i>	
<i>Richard Scribner</i>	
<i>Associate Director - Dartmouth University.....</i>	<i>213</i>
Keywords: Cyber security, Cyber attacks, Terrorism	
 <i>Developing a National Policy on Cyber Security</i>	
<i>Michelle Van Cleave</i>	
<i>Senior Advisor - Department of Defense.....</i>	<i>237</i>
Keywords: Cyber security, Infrastructure protection, Strategic Information warfare, policy for cyber security	
 <i>Panel Discussion Number 4.....</i>	
Keywords: Terrorism, cyber terrorism	

***The Political Determinants of Delayed Diagnosis: The 1979
Sverdlovsk Anthrax Outbreak and the 1972 Yugoslavian Smallpox
Epidemic***

Jeanne Guillemin

Professor of Sociology - Boston College.....263

Keywords: Bio-threat, Anthrax, Sverdlovsk, smallpox, Yugoslavia, public health

Bioterror, Public Health Response, and Civilian Preparedness

Thomas Inglesby

Deputy Director - John's Hopkins University283

Keywords: Bio-terrorism, anthrax attacks, WMD, epidemics, Dark Winter, public health, surveillance

Panel Discussion Number 5.....303

Keywords: Bio-threat, Terrorism, public health

International Bioterrorism: Preparedness and Response

David Franz

Southern Research Institute.....311

Keywords: International bio-threat, Terrorism, bio-preparedness

Creating International Safeguards Against WMD (Policy and Laws)

Gary Resnick

Program Manager – Los Alamos National Laboratory.....327

Keywords: Bio-threat, Biological Weapons Convention, treaties, International Safeguards

Detection: Technical Issues and Challenges for R&D

Tracy Cronin

Program Manager - U.S. Department of the Navy-TSWG.....333

Keywords: Bio-detection, bio-threat

Future Threats in Weapons of Mass Destruction

Anthony Littrell

U.S. Army Medical Research Institute for Infectious Diseases.....339

Keywords: Bio-threat, Terrorism, bio-technology, genetic engineering, bio-agents

Panel Discussion Number 6..... 349

Keywords: Terrorism, bio-threat, bio-technology, detection of bio-weapons

What September 11 Should Have Taught Us

Peter Probst

*Vice-President and Director of Programs - Institute for the Study of
Terrorism & Political Violence.....367*

Keywords: Terrorism, Osama bin Laden, al Queda

The Nuts and Bolts of Terrorism

Larry Johnson

CEO and co-founder - Berg Associates.....375

Keywords: Terrorism, International terrorism events and groups

Funding Terrorism: Sources and Methods

Rachel Ehrenfeld

Director – New York City Center for the Study of Corruption – Center for
International Integrity.....391

Keywords: Terrorism, funding terrorism, drugs, narco-terrorism

Panel Discussion Number 7.....399

Keywords: Terrorism, International terrorist activities

The Future of Privacy

Philip Kunsberg

General Manager – Haviland Holdings, Inc.....415

Keywords: Patriot Act, privacy, surveillance, technology

We Can be Safe and Free

Greg Nojeim

Associate Director and Chief Legislative Counsel of the
American Civil Liberties Union.....429

Keywords: Patriot Act, ACLU, transparency in government, privacy

Panel Discussion Number 8.....439

Keywords: Patriot Act, privacy, Terrorism

Home Grown Terrorists

Brent Smith

Professor of Sociology – University of Arkansas.....447

Keywords: American Terrorism, extreme right, environmental terrorism

Creating Smart Systems to Prevent Terrorism

Eytan Mottes

Vice-President of Business Development – U. S. Representative
for Nezer Information Systems.....463

Keywords: biometrics, border control,

Panel Discussion Number 9.....477

Keywords: Terrorism

Remarks
Don Cobb
Associate Director, Threat Reduction – Los Alamos National Laboratory.....479
Keywords: Terrorism

Panel Discussion Number 10.....481
Keywords: Terrorism

Game Scenario and Results
Facilitators.....495
